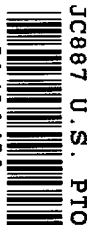


01/24/02



JC887 U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002 OMB 0651-0032

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

UNMC-84090

First Inventor

Ji Zhang

Title

Methods and System for alysis and Visualization of Multidimen...

Express Mail Label No.

EL854677613US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **56**]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **24**]
5. Oath or Declaration [Total Pages **1**]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b)
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☒ Other: Unexecuted Declaration and Power of Attorney
and Assignment documents

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____ /

Prior application information: Examiner _____

Group / Art Unit _____

For CONTINUING OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Labelor ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	Shannon L. Nebolsky				
	WELSH & KATZ, LTD.				
Address	120 S. Riverside Plaza				
	22nd Floor				
City	Chicago	State	Illinois	Zip Code	60606
Country	USA	Telephone	(312) 655-1500	Fax	(312) 655-1501

Name (Print/Type)	Shannon L. Nebolsky	Registration No. (Attorney/Agent)	41,217
Signature		Date	January 24, 2002

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Patent Application, Washington, DC 20231

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

Complete if Known

Application Number	New Patent Application
Filing Date	January 24, 2002
First Named Inventor	Ji Zhang
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	UNMC-84090

TOTAL AMOUNT OF PAYMENT \$500.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number 23-0920

Deposit Account Name Welsh & Katz, Ltd.

- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17
☒ Applicant claims small entity status. See 37 CFR § 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	370.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1)			\$370.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
10	-20** = 0	9.00	0.00
Independent Claims	2 - 3** = 0	42.00	0.00
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$0.00

**or number previously paid, if greater; For Reissues, see above


FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non - English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR § 1.17(q)	
126 180	126 180	Submission of Information Disclosure Statement	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	
Other fee (specify) Petition under 37 C.F.R. 1.84(a)(2)			130.00

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$130.00

SUBMITTED BY

Name (Print/Type)	Shannon L. Nebolsky, Esq.	Registration No. (Attorney/Agent)	41,217	Telephone	(312) 655-1500
Signature				Date	January 24, 2002

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The PTO did not receive the following listed item(s) check \$370

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Ji Zhang and Li Xiao**

Docket No.

84090

Serial No.

Not yet assigned

Filing Date

January 24, 2002

Examiner

Not yet assigned

Group Art Unit

Not yet assigned

Invention: **METHOD AND SYSTEM FOR ANALYSIS AND VISUALIZATION OF MULTIDIMENSIONAL DATA**

I hereby certify that this Utility Patent Appln, Transmittal Ltr, its stated encls and Preliminary Amendment
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is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under
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20231-0001 on January 24, 2002
(Date)

James Cato

(Typed or Printed Name of Person Mailing Correspondence)

James C. Cato
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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Ji Zhang and Li Xiao**

Docket No.

84090

Serial No.

Not yet assigned

Filing Date

January 24, 2002

Examiner

Not yet assigned

Group Art Unit

Not yet assigned

Invention: **METHOD AND SYSTEM FOR ANALYSIS AND VISUALIZATION OF MULTIDIMENSIONAL DATA**J1002 U.S. PTO
10/057701
01/24/02I hereby certify that this Utility Patent Appln, Transmittal Ltr, its stated encls and Preliminary Amendment
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